

SECRET

Chairman, Equipment Board

OSS-M57-874

28 September 1967

Chief, Operations Support Staff, OC

Disposition of RS-11 Radio Set

1. The continued usefulness of the RS-11 Radio Set, both operationally and economically, has been in question for some time. Since no further operational use is contemplated, we feel that action should now be taken to remove this equipment and associated accessories from stock. An itemized inventory and descriptions of individual components are attached.

2. The design and production of the RS-11 began as early as mid 1953. The objective of this equipment was to fulfill a requirement for an agent transmitter-receiver which would be capable of medium-range communications with a base station and which is small and lightweight to the extent that it could be transported by one man, including the power source. Design problems and production delays resulted in many modifications of the equipment until 1959 when the RT-11 transmitter was modified for medium speed keying and redesignated as the RT/C-11. (1959) During this same period the RR-11 receiver was modified to extend the frequency coverage to 3-30 MHz and operate from 12 volts for use with the Automatic Agent Set, AS-3. The receiver was redesignated the RR/D-11. Although the RS-11 has had limited application as a complete system, mainly at JMWAVE, it was soon replaced with the advent of the RS-48 Radio Set. The RR/D-11, being a tunable receiver, found much wider application when mated with other equipment such as the AT-3. The RR/A-11 was continually plagued with calibration problems and although used successfully with the AT-3 transmitter, was often being exchanged in favor of the older, larger, but more reliable and less expensive RR-2B receiver. Several attempts were made to improve and increase the reliability of the RR/D-11 but due to design factors and production delays most of these attempts produced less than satisfactory results. Subsequently the production of the RR-49 has filled the requirement for a more reliable tunable receiver, leaving virtually no demand for the RR/D-11.

3. Our reasons for making this recommendation are as follows:

A. Due to limited availability of spare parts, this system is becoming uneconomical and impractical to maintain.

B. The improved reliability.....

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B. The improved reliability and design of subsequent medium-speed equipment based on experience, advanced technology and sophistication of components have, for practical purposes, rendered the RS-11 system obsolete.

4. In view of the above-mentioned factors, and with the OC Equipment Board's concurrence, we recommend that this equipment be reclassified MCC-8 and disposed of by:

A. [REDACTED] with the understanding that further maintenance or spare parts will not be available.

B. Destroy all remaining units with the exception of one complete system, which would be transferred to the clandestine equipment "museum" at the R&D Laboratory.

25X1A

Attachments:

- A. RS-11 Inventory
- B. RT/C-11 Description
- C. RR/D-11 Description

Distribution:

- Original & 1 - Addressee
 - 1 - OC-OS chrono
 - ① - OC-OS/COB 4.4.4
 - 1 - OC-E
 - 1 - OC-O

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OC-OS/COB [REDACTED] clg/4504/28 Sept 67

AUTH: _____ RECD: _____
Chief, COB Chief, OC-OS

COORD: _____ COORD: _____
OC-O Chief, OC-E

SECRET

GROUP 1
Excluded from automatic
downgrading and
declassification

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RS-11 Inventory

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<u>NOMENCLATURE</u>	<u>LOCATION</u>	<u>QUANTITY</u>	<u>CONDITION</u>	<u>DOLLAR VALUE</u>
RT/C-11 Transmitter		10	C-1	\$ 5,482.49
RR/D-11 Receiver		53	C-1	81,667.17
RP/C-11 Supply		10	C-1	2,514.50
RP/C-11 Supply		1	C-7	251.45
RP/C-11 Supply		2	C-9	502.90
Receiver Subassembly p/c board for Tuner P/o RR/D-11.		7	C-1	982.60
Receiver Subassembly p/c board for Tuner P/o RR/D-11		14	C-1	1,035.41
BS-12 Battery, 6V		200	C-1	<u>2,400.00</u>
Total Value.....				\$94,836.52

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